

(FILE 'HOME' ENTERED AT 18:24:08 ON 08 JUN 2005)

FILE 'MEDLINE, CAPLUS, EMBASE, BIOSIS, SCISEARCH' ENTERED AT 18:24:29 ON
08 JUN 2005

L1 258 S CH-296
L2 108 S RETRONECTIN
L3 348 S L1 OR L2
L4 0 S L3 AND HUVEC
L5 18 S L3 AND VLA-5
L6 7 DUP REM L5 (11 DUPLICATES REMOVED)
L7 25767 S HUVEC
L8 21 S L7 AND VLA-5
L9 8 DUP REM L8 (13 DUPLICATES REMOVED)
L10 9030 S VERY LATE ANTIGEN-5 OR VLA-5 OR CD49E OR CD29
L11 476 S L10 AND UMBILICAL
L12 295 S L11 AND ENDOTHELIAL
L13 195 S L12 AND HUMAN UMBILICAL VEIN ENDOTHELIAL CELLS
L14 120 S L13 AND HUVEC
L15 59 DUP REM L14 (61 DUPLICATES REMOVED)
L16 25767 S HUVEC
L17 1049 S HUVEC/TI
L18 1 S L17 AND REVIEW/DT
L19 78 S L16 AND REVIEW/DT
L20 64 DUP REM L19 (14 DUPLICATES REMOVED)
L21 6 S L20 AND (INTEGRIN OR CD29 OR VERY LATE ANTIGEN-5 OR VLA-5)
L22 6 DUP REM L21 (0 DUPLICATES REMOVED)
L23 938 S HUVEC AND FIBRONECTIN
L24 467 S HUVEC (S) FIBRONECTIN
L25 5 S HUVEC (W) FIBRONECTIN
L26 0 S L24 AND VLA-5
L27 0 S L24 AND VERY LATE ANTIGEN-5
L28 187 S L24 AND INTEGRIN
L29 97 S L24 (S) INTEGRIN
L30 52 DUP REM L29 (45 DUPLICATES REMOVED)

=> S L24 AND CD29
L31 18 L24 AND CD29

=> DUP REM L31
PROCESSING COMPLETED FOR L31
L32 9 DUP REM L31 (9 DUPLICATES REMOVED)

=> D 1-9 TI SO

L32 ANSWER 1 OF 9 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI VLA-4 (alpha(4)beta(1)) engagement defines a novel activation pathway for
beta(2) integrin-dependent leukocyte adhesion involving the urokinase
receptor
SO BLOOD, (15 JUL 2000) Vol. 96, No. 2, pp. 506-513.
Publisher: AMER SOC HEMATOLOGY, 1900 M STREET. NW SUITE 200, WASHINGTON,
DC 20036.
ISSN: 0006-4971.

L32 ANSWER 2 OF 9 MEDLINE on STN
TI Shear stress affects migration behavior of polymorphonuclear cells
arrested on endothelium.
SO Cellular immunology, (2000 Jul 10) 203 (1) 39-46.
Journal code: 1246405. ISSN: 0008-8749.

L32 ANSWER 3 OF 9 MEDLINE on STN
TI Ligation of CD31 (PECAM-1) on endothelial cells increases adhesive
function of alphavbeta3 integrin and enhances beta1 integrin-mediated
adhesion of eosinophils to endothelial cells.
SO Blood, (1999 Aug 15) 94 (4) 1319-29.
Journal code: 7603509. ISSN: 0006-4971.

L32 ANSWER 4 OF 9 MEDLINE on STN
TI Cytoskeletal changes induced by excess extracellular matrix impair
endothelial cell replication.
SO Diabetologia, (1997 Aug) 40 (8) 879-86.
Journal code: 0006777. ISSN: 0012-186X.

L32 ANSWER 5 OF 9 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI Interactions of lymphocytes from patients with psoriatic arthritis or
healthy controls and cultured endothelial cells
SO CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY, (DEC 1997) Vol. 85, No. 3, pp.
297-314.
Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900,
SAN DIEGO, CA 92101-4495.
ISSN: 0090-1229.

L32 ANSWER 6 OF 9 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI DEVELOPMENT AND CHARACTERIZATION OF A NOVEL MONOCLONAL-ANTIBODY (MNI-11)
THAT INDUCES CELL-ADHESION OF THE LPS-STIMULATED HUMAN MONOCYTE-LIKE
CELL-LINE U937
SO JOURNAL OF LEUKOCYTE BIOLOGY, (MAY 1996) Vol. 59, No. 5, pp. 697-708.
ISSN: 0741-5400.

L32 ANSWER 7 OF 9 MEDLINE on STN DUPLICATE 1
TI A novel monoclonal antibody mNI-58A against the alpha-chain of leukocyte
function-associated antigen-1 (LFA-1) blocks the homotypic cell
aggregation and actively regulates morphological changes in the phorbol
myristate acetate (PMA)-activated human monocyte-like cell line, U937.
SO Tissue antigens, (1996 Sep) 48 (3) 161-73.
Journal code: 0331072. ISSN: 0001-2815.

L32 ANSWER 8 OF 9 MEDLINE on STN DUPLICATE 2
TI Freezing adhesion molecules in a state of high-avidity binding blocks
eosinophil migration.
SO Journal of experimental medicine, (1993 Jul 1) 178 (1) 279-84.

L32 ANSWER 9 OF 9 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 3
TI LYMPHOCYTE ADHESION THROUGH VERY LATE ANTIGEN 4 EVIDENCE FOR A NOVEL
BINDING SITE IN THE ALTERNATIVELY SPLICED DOMAIN OF VASCULAR CELL ADHESION
MOLECULE AND AN ADDITIONAL ALPHA 4 INTERGRIN COUNTER-RECEPTOR ON
STIMULATED ENDOTHELIUM.
SO Journal of Experimental Medicine, (1992) Vol. 175, No. 6, pp. 1433-1442.
CODEN: JEMEA. ISSN: 0022-1007.

=> S VERY LATE ANTIGEN-5
L33 220 VERY LATE ANTIGEN-5

=> S L33 AND FIBRONECTIN
L34 123 L33 AND FIBRONECTIN

=> S L34 AND ENDOTHELI?
L35 12 L34 AND ENDOTHELI?

=> DUP REM L35
PROCESSING COMPLETED FOR L35
L36 7 DUP REM L35 (5 DUPLICATES REMOVED)

=> D 1-7 TI SO

L36 ANSWER 1 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI VLA-5 and transendothelial migration.
SO Nature Medicine, (August, 2002) Vol. 8, No. 8, pp. 765. print.
ISSN: 1078-8956.

L36 ANSWER 2 OF 7 MEDLINE on STN
TI Very late antigen-5 and leukocyte
function-associated antigen-1 are critical for early stage hematopoietic
progenitor cell homing.
SO Annals of hematology, (2001 Jul) 80 (7) 387-92.
Journal code: 9107334. ISSN: 0939-5555.

L36 ANSWER 3 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Use of a novel fibronectin receptor for liver infiltration by a
mouse lymphoma cell line RL-male 1.
SO Cancer Research, (March 1, 1999) Vol. 59, No. 5, pp. 1115-1119. print.
CODEN: CNREA8. ISSN: 0008-5472.

L36 ANSWER 4 OF 7 MEDLINE on STN DUPLICATE 1
TI Adhesion molecule mechanisms mediating monocyte migration through synovial
fibroblast and endothelium barriers: role for CD11/CD18, very
late antigen-4 (CD49d/CD29), very late antigen
-5 (CD49e/CD29), and vascular cell adhesion molecule-1 (CD106).
SO Journal of immunology (Baltimore, Md. : 1950), (1998 Jan 1) 160 (1)
467-74.
Journal code: 2985117R. ISSN: 0022-1767.

L36 ANSWER 5 OF 7 MEDLINE on STN DUPLICATE 2
TI Adhesion of multiple myeloma peripheral blood B cells to bone marrow
fibroblasts: a requirement for CD44 and alpha4beta7.
SO Cancer research, (1997 Mar 1) 57 (5) 930-6.
Journal code: 2984705R. ISSN: 0008-5472.

L36 ANSWER 6 OF 7 MEDLINE on STN DUPLICATE 3
TI Platelet adhesion to fibronectin in flow: dependence on surface
concentration and shear rate, role of platelet membrane glycoproteins GP
IIb/IIIa and VLA-5, and inhibition by heparin.
SO Blood, (1994 Dec 1) 84 (11) 3724-33.
Journal code: 7603509. ISSN: 0006-4971.

L36 ANSWER 7 OF 7 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Immunohistological and functional analysis of adhesion molecule expression

in the rheumatoid synovial lining layer. Implications for synovial lining cell destruction.

SO Journal of Rheumatology, (1994) Vol. 21, No. 11, pp. 1998-2004.
CODEN: JRHUA9. ISSN: 0315-162X.

=> S CD49E?

L37 828 CD49E?

=> S L37 AND HUVEC

L38 16 L37 AND HUVEC

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	14962	fibronectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S2	4639	S1 and retrovir\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S3	1299	S2 and umbilical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S4	790	S3 and huvec	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:11
S5	27	huvec SAME retrovir\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:12
S6	10	S5 and fibronectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:12
S7	160	umbilical SAME retrovir\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:12
S8	35	S7 and fibronectin	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:17
S9	26	"5198423"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:21
S10	6	"0870839"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/08 19:21
S11	13	"870839"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/09 11:25

SC

L3
TI

SO

L1 80440 S KATO-I?/AU OR ASADA-K?/AU OR UENO-M?/AU OR HASHINO-K?/AU OR
L2 64 S L1 AND (CH-296 OR CH296)
L3 49 S L2 AND RETROVIR?
L4 6 S L3 AND UMBILICAL
L5 6 DUP REM L4 (0 DUPLICATES REMOVED)
L6 7732 S CD29 OR CD-29
L7 352 S CD49 OR CD-49
L8 55 S L7 AND (VERY LATE ANTIGEN-4 OR VLA-4)
L9 36 S CD49 (P) VLA-4
L10 14 DUP REM L9 (22 DUPLICATES REMOVED)
L11 125 S CDW49D
L12 0 S L11 AND CD49
L13 70 S L11 AND VLA-4
L14 0 S L13 AND CH-296
L15 35 DUP REM L13 (35 DUPLICATES REMOVED)
L16 214 S HUVEC AND CD49?
L17 86 S L16 AND VLA-4
L18 70 S CDW49D AND VLA-4
L19 35 DUP REM L18 (35 DUPLICATES REMOVED)